



WHAT IS CLAIMED IS

8. A method for manufacturing a 3D polarizer for use with a 3D image display comprising:

laminating a polarizing film onto a transparent support with an adhesive agent interposed;

attaching transparent resist members in specified positions onto said polarizing film;

immersing a resulting assembly in hot water and drying said assembly;

attaching a protective member to said resist members.

9. The method of claim 8 wherein said polarizing film is a linear polarizing film.

10. The method of claim 8 further comprising;

superimposing or bonding said protective member side of said protected assembly to a display member.

11. The method of claim 10 wherein said laminated polarizing film is formed by laminating a TAC film or CAB film that does not possess birefringence and a drawn PVA film that has a polarizing function onto a transparent support with an adhesive agent interposed so that the TAC film or CAB film is located on the side of said adhesive agent;

12. The method of claim 11 wherein said transparent resist members are then disposed in specified positions on said drawn PVA film.

13. The method of claim 12 wherein spaces between said resist members are filled with appropriate members and said protective member is disposed on a side of said appropriate members and said resist members.

14. The method of claim 11 wherein said polarizing film does not possess birefringence.

15. The method of claim 11 wherein members that do not possess birefringence are used as said appropriate members and said protective member.

16. The method of claim 11 wherein said appropriate members comprise UV resin, PVA-type adhesive agent or acrylic-type tacky adhesive agent.

17. The claim of claim 11 wherein right-eye image display parts and left-eye image display parts are disposed in specified positions on this drawn PVA film.

18. The method of claim 11 wherein said TAC film is approximately 126  $\mu\text{m}$ . thick.

19. The method of claim 11 wherein said PVA is unilaterally drawn and approximately 38 $\mu\text{m}$ .

20. The method of claim 11 wherein said laminated polarizing film is a  $\frac{1}{2}$  wave plate.

21. The method of claim 1 wherein said immersion in hot water comprises immersion for approximately 30 seconds at a temperature of 80° C.

22. A 3D polarizer for use with a 3D display comprising:  
a support;  
an adhesive agent;  
a laminated polarizing film;  
resist members having right eye image display parts and left-eye image display parts;

appropriate members comprising comprise UV resin, PVA-type adhesive agent or acrylic-type tacky adhesive agent; and

a protective member, wherein said 3D polarizer is manufactured according to the method of claims 8-20.

23. The polarizer of claim 22 wherein said laminated polarizing film comprises a lamination of TAC and PVA film.

24. The polarizer of claim 22 wherein a phase of a transmitted light is shifted 180° between portions where said resist members are present and portions where resist members where no resist members are present.

25. The polarizer of claim 22 wherein widths of resist members are approximately 160 $\mu\text{m}$  in width and are applied from one side of said polarizer with a pitch of approximately 160 $\mu\text{m}$ .

27. The polarizer of claim 22 wherein said resist members are square bodies in a staggered arrangement.